

CURTIS WONG

(415) 990-6637 | curtiswong9990@gmail.com | [Portfolio](#)

SKILLS

Languages: JavaScript, TypeScript, Python, HTML, CSS, SQL, Bash, Java

Frameworks: React.js, Node.js, Flask, Next.js, Sass, Tailwind CSS, Bootstrap, Express.js

Tools: AWS Lambda, AWS DynamoDB, AWS S3, PostgreSQL, MongoDB, OpenAI, Docker, Jenkins, Jest

EDUCATION

University of California, Berkeley | Berkeley, CA

August 2020 - December 2022

Bachelor of Arts, Data Science

EXPERIENCE

Fullstack Engineer, [Nighthawk](#) | Dublin, CA

February 2024 - May 2024

- Created a full-stack agronomist solution application based on the OpenAI chat box, tailored for robust agricultural context.
- Optimized chat responses via leveraging several open-source LLM's and Retrieval-Augmented Generation (RAG) to embed and analyze multiple PDFs, enhancing farm product recommendations.
- Conducted data analysis on thousands of agricultural products, gaining deeper insights and enhancing accuracy and relevance of generated responses.

Fullstack Engineer Intern, [Verdant Robotics](#) | Hayward, CA

May 2023 - September 2023

- Developed a React geographic visualization interface for mapping and visualizing 20,000+ geospatial data points, facilitating logistical stand count summaries and high-resolution image displays.
- Implemented a real-time endpoint to deliver critical metrics to our robotic fleet, resulting in enhanced insights and analysis capabilities and a 25% increase in operational efficiency.
- Enhanced vegetation data collection in the field with a user-friendly web application interface, improving data accuracy and customer satisfaction for 12 farming clients.
- Crafted and deployed server-side scripts and database systems to optimize internal tools, accelerating machine learning pipelines, fleet operations, and engineering analysis.

Software Engineer Intern, [Rimble](#) | Berkeley, CA

May 2022 - August 2022

- Built the complete frontend of Rimble's React web application to boost user interaction, utilizing analytics and predictors to enrich fan engagement in competitive esports.
- Constructed a React dashboard to visualize game and player metrics 20% faster than before.
- Implemented REST APIs using AWS Lambda, DynamoDB and S3 to visualize machine learning predictions for game analytics.
- Designed a data aggregation system that improved data ingestion speed by 35%.

Fullstack Developer Apprentice, Web Development at Berkeley | Berkeley, CA January 2022 - May 2022

- Developed the frontend for the course website, which enhanced interactive learning and resulted in a 25% increase in user engagement.
- Formed a full-stack web development curriculum for a class of 200+ students per semester.
- Applied documentation, design page layouts, and create assignments to improve course experience and grading accuracy.